



Product Line up

Turning Centers / Swiss type Turning Centers
Machining Centers / Horizontal Boring Mills
Double Column Machining Centers



Optimal Solutions for the Future

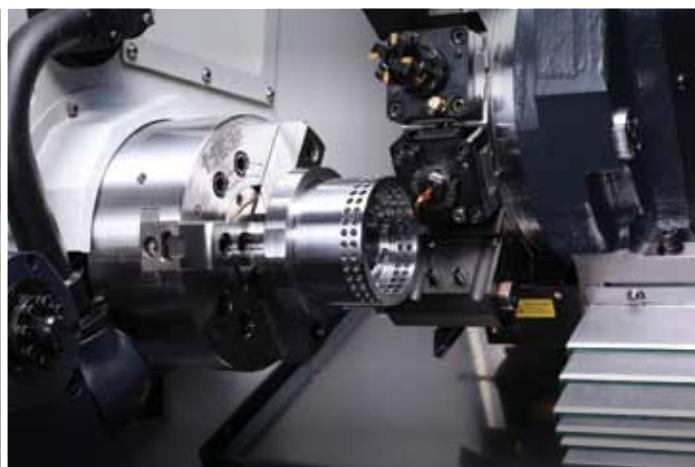




In an effort to provide solutions that fit each partner's unique needs we constantly innovate our thinking, our processes, and the way we do business.

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Increasing demand for machine tools from various industries such as energy, aerospace, IT, medicine and automotive is spurring us to expand product lineups and develop new machine tools.



Multi-axis turning centers



Horizontal turning centers



Vertical turning centers



Ram type vertical turning centers



Vertical machining centers



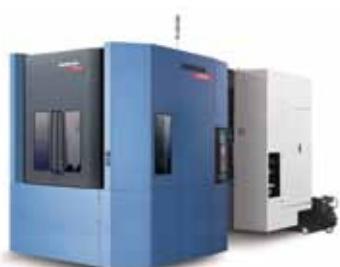
5-axis vertical machining centers



Die & mold vertical machining centers



Horizontal machining centers



Horizontal boring mills



Double column machining centers



Swiss type turning centers





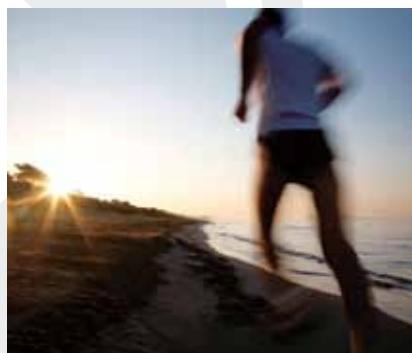
Car



Airplane



Medical



Energy



IT



Construction Equipment



Global Support Network



Head Office

Doosan Tower 20th FL., 275,
Jangchungdan-ro, Jung-gu,
Seoul, Korea

Namsan Factory



Daewon Factory



Seongju Factory



Changwon Factory

Doosan Infracore Changwon Plant
Doosan Infracore Co., Namsan-dong, Seongsan-gu, Changwon-si,
Gyeongsangnam-do, Korea

Doosan Infracore Daewon Factoy

101, Samdong-ro, Uichang-gu, Changwon-si, Gyeongsangnam-do, Korea

Doosan Infracore Seongju Factory

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Doosan Infracore Machine Tools Yantai Co., Ltd. (Production subsidiary in China)

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Research & Development

Technical Development

The best products originate from the best technology. All our efforts are focused on developing leading edge technology from ultra-precision machines to high quality systems.

Machine Tool R&D Center

Primary Research Area
Precision Assembly Area
Prototype Assembly Area
Optimal Solution Center

Optimal Solution Center

The Optimal Solution Center has been established to strengthen our technical know-how, satisfy the unique needs of our customers and to verify the performance of our machines through a series of test cuts. Based on our extensive research and experience, we've developed the optimal software to offer our customers an extensive selection of advanced technologies and manufacturing solutions.

- Support for Technical Consultation
- Customer-adapted Technical Support
- Responding to Customer's Needs
- Showroom for Customers
- Support for sales technology



- 2014 Won 2014 Red Dot Design Award 2014 with PUMA SMX series
2013 Completed the construction of Seongju factory Held the 9th DIMF (Doosan International Machine Tools Fair)
2011 Held 8th DIMF (Doosan International Machine tools Fair)
2010 Selected as top 100 Korea technologies high speed & rigidity turning centers
2008 Reconstructed new R&D Center in changwon
2007 Posted KRW 1 trillion in consolidated sales Integrated Doosan Mecatec Co.'s Machine Tool Division
2006 Established the products system 10000 sets per year
2005 Started as Doosan Infracore co., Ltd.
2004 Awarded USD 1 Billion exports tower in Korea Established Optimal Solution Center (DTC, MTC, RRC) Started Machine Tools production at China Yantai Factory
2003 Awarded USD 700 million exports tower in Korea Established Daewoo Machine tools Yantai co., Ltd. In China
2002 Established Machine Tools Company in Yantai, China Selected as an excellent exporter in the large company category (USD 650 million) Certified as an international test laboratory (KATS under the control of the Ministry of Commerce, Industry and Energy)
2002 High-speed machining center was selected as one of Ten 2001 Korean New Technologies (MOTIE) CNC lathe was selected as a world-class product (MOTIE)
1999 Acquired ISO 14000 certifications for IQRS Won an Iron Tower (Order of Industrial Service Merit) of excellent capital goods
1997 Held 1st DIMF (Daewoo International Machine tools Fair) Developed new turning center, PUMA series (26 models)
1996 Awarded the Korea Quality Award Grand Prize
1994 Established Daewoo Heavy Industry America Co Exported CNC lathes technology to China Established Factory Automation System & Engineering Center (FASEC)
1993 Certified ISO 9001 Established Daewoo Maschinen Vertriebs GmbH
1990 Produced Machine Tools Total 10000 sets, 1000 sets per year
1986 Won Patent Management Award
1984 Produced machine tool No. 5000
1983 Won Quality Management Award Produced machine tool No. 3000 Began to produce machining centers
1981 Started CNC Machine Tools Export
1980 Developed Doosan's own NC lathe (PUMA 10)
1979 Established Daewoo America Machinery Co
1976 Started Machine Tools Business

Optimal solutions through advanced technologies

Through open communication with our customers and shareholders, regarding their current and future needs, our company takes pride in offering effective and flexible manufacturing solutions. In doing so, we guarantee to deliver quality products and services as an integral part of our business policy and operational priority. As we pursue autonomous management by respecting individuals' unique abilities and encourage collaboration and teamwork, we advance the development of innovation and value. This is our vision and management philosophy.



Turning Centers

Horizontal Turning Centers

Compact

Lynx 220	A B C MA MC LA LB LC LMA LMC LMSA LMSC YA YC LYA LYC LSYA LSYC G-super
Lynx 300	STD M

High Performance

PUMA 2100	STD L M LM S LS MS LMS Y LY SY LSY
PUMA 2600	STD L M LM S LS MS LMS Y LY SY LSY B LB MB LMB SB MSB YB LYB SYB /500 /500M
PUMA 3100	STD L XL UL M LM XLM ULM Y LY XLY ULY

PUMA GT2100	STD M B MB
PUMA GT2600	STD M L LM
PUMA 280	STD L M LM
PUMA 300	STD C LC MC LMC
PUMA 400	A B C LA LB LC MA MB MC LMA LMB LMC XLA XLB XLC XLMA XLMB XLMC

PUMA 480	STD L M LM XL XLM D LD XLD
PUMA 5100LY	A B
PUMA 600 / 700 / 800	STD L M LY LM B* XL XLM XLY

Multi-Axis

PUMA TT1500 / 1800	S MS SY
PUMA TT2000 / 2500	S MS SY
PUMA TL2000	STD L M LM
PUMA TL2500	STD L M LM

Aluminum Wheel Turn

PUMA AW560 / 660	
PUMA AW560-MF	
PUMA VAW700 / 800	

Twin Spindle

PUMA HT230T	
PUMA H250T	STD M
PUMA H310T	STD M

Gantry Loader

PUMA HT230TG	
PUMA QL200H	STD M
PUMA QL300H	STD M

Multi-Tasking Turning Centers

PUMA MX1600	STD S T ST
PUMA MX2100	STD S T ST
PUMA MX2600	L LS LT LST
PUMA MX3100	STD S
PUMA SMX2600	STD S
PUMA SMX3100	STD S

Vertical Turning Centers

PUMA V400 / V550	STD 2SP M P
PUMA VT450	STD 2SP M M2SP
PUMA VT750	STD 2SP M M2SP
PUMA VT900	STD 2SP M M2SP
PUMA VT1100	STD M

Ram Type

PUMA VTS1214	STD M
PUMA VTS1620	STD M

Swiss Type Turning Centers

PUMA ST16GS	
PUMA ST20GS	
PUMA ST32GS	
PUMA ST20G	
PUMA ST32G	

M Milling	Y Y-axis
L Long Bed	S Sub Spindle(Right Spindle)
G-super	Gang type
T Lower Turret	GL Gantry Loader
2SP Twin Spindle	XL Extra Long Bed
D Big Bore	B* Big Bore (only PUMA 800)

STD Standard model

A B C Chuck size



Machining Center / DCM / HBM

Vertical Machining Centers

Tapping Center

T 4000
T 4000L
DT 360D
DT 360D/40

High Productivity & Heavy Duty

DNM 400a
DNM 400 II / 400HS
DNM 500 II / 500HS
DNM 650 II / 650P / DNM 650HS
DNM 750 / 750L
DNM 900P
Mynx 5400
Mynx 5400/50
Mynx 6500
Mynx 6500/50
Mynx 7500
Mynx 7500/50

Column Moving & Dual Pallet

VC 430
VC 510

5-axis

DNM 200/5AX
DNM 350/5AX
VC 630/5AX
FM 200/5AX *linear*
FM 350/5AX *linear*

Multi Purpose

VCF 850 / 850S / 850SR
VCF 850L / 850LS / 850LSR

Die & Mold

VM 56 / 84
VM 560
VM 5400 / 6500
VM 750 / 750L
VM 960 / 960L
VM 1260

Horizontal Machining Centers

Heavy Duty

HM 5000
HM 1000 / 1250
NHM 5000
NHM 6300
NHM 8000

High Speed

HC 400
HC 500
HP 4000 II
HP 5100 II
NHP 5500
NHP 6300
NHP 8000

3 axes Double Column Machining Centers

BM 2740 / BM 2740M / BM 2740P

Five Face Double Column Machining Centers

DCM 2740F / 2740W
DCM 2750F / 2750W
DCM 2760F / 2760W
DCM 3250F / 3250W
DCM 3260F / 3260W
DCM 3280F / 3280W
DCM 3780F / 3780W
DCM 37100F / 37100W

Horizontal Boring Mills

DBC 110S
DBC 130S
DBC 110 II
DBC 130 II
DBC 130L II
DBC 130P II
DBC 250 II
DBC 250L II

Double column machining centers

DBD 1270 / 1580

Turning Center

Compact Turning Center / High Performance Horizontal Turning Center



Lynx 220 / 300

Lynx series are compact turning centers. Designed to produce small parts with unsurpassed accuracy. Value added machining for small parts.

Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor kW (Hp)
Lynx 220A / LA	6	320 (12.6)	322/542 (12.7 / 21.3)	6000	15 (20.1)
Lynx 220B / LB	8	320 (12.6)	305/525 (12.6 / 20.7)	5000	15 (20.1)
Lynx 220C / LC	8	320 (12.6)	305/525 (12.6 / 20.7)	4000	15 (20.1)
Lynx 220MA / LMA	6	320 (12.6)	290/510 (11.4 / 20.1)	6000	15 (20.1)
Lynx 220MC / LMC	8	320 (12.6)	290/510 (11.4 / 20.1)	4500	15 (20.1)
Lynx 220 LMSA	6	300 (11.8)	510 (20.1)	6000	15 (20.1)
Lynx 220 LMSC	8	300 (11.8)	510 (20.1)	4500	15 (20.1)
LYNX 220YA / YC	6 / 8	300 (11.8)	300 (11.8)	6000 / 4500	15 (20.1)
LYNX 220LYA / LYC	6 / 8	300 (11.8)	510 (20.1)	6000 / 4500	15 (20.1)
LYNX 220LSYA / LSYC	6 / 8	300 (11.8)	510 (20.1)	6000 / 4500	15 (20.1)
Lynx 220G super *	6	-	322 (12.7)	6000	15 (20.1)
Lynx 300	10	450 (17.7)	765 (30.1)	3500	15 (20.1)
Lynx 300M	10	370 (14.6)	712 (28.0)	3500	15 (20.1)

L : Long bed M : Milling S : Sub spindle * V640i (Fanuc i series)



PUMA 2100 / 2600 / 3100

PUMA 2100 / 2600 / 3100 series have been developed to create full line up of high level 8" to 12" size with model variations from 2 axis to Y axis sub spindle.

Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor kW (Hp)
PUMA 2100 / S [L / LS]	8	480 (18.9)	520 [760] (20.5 [29.9])	4500	18.5 (24.8)
PUMA 2100M / MS [LM / MS]	8	406 (16.0)	520 [760] (20.5 [29.9])	4500	18.5 (24.8)
PUMA 2100Y / LY	8	376 (14.8)	520 / 760 (20.5 / 29.9)	4500	18.5 (24.8)
PUMA 2100SY / LSY	8	376 (14.8)	520 / 760 (20.5 / 29.9)	4500	18.5 (24.8)
PUMA 2600 / 500	10	480 (18.9)	520 (20.5)	3500	18.5 (24.8)
PUMA 2600M / 500	10	376 (14.8)	520 (20.5)	3500	18.5 (24.8)
PUMA 2600 / S [L / LS]	10	480 (18.9)	760 [1280] (29.9 [50.4])	3500	22 (29.5)
PUMA 2600M / MS [LM / LMS]	10	376 (14.8)	760 [1280] (29.9 [50.4])	3500	22 (29.5)
PUMA 2600B [LB]	14	480 (18.9)	725 [1245] (28.5 [49.0])	2800	22 (29.5)
PUMA 2600MB [LMB]	12	376 (14.8)	725 [1245] (28.5 [49.0])	2800	22 (29.5)
PUMA 2600SB [MSB]	12	480 [376] (18.9 [14.8])	725 (28.5)	2800	22 (29.5)
PUMA 2600Y / LY [LYB]	10 [12]	376 (14.8)	760 / 1280 [1245] (29.9 / 50.4 [49.0]) [2800]	3500	22 (29.5)
PUMA 2600SY / LSY	10	376 (14.8)	760 / 1280 (29.9 / 50.4)	3500	22 (29.5)
PUMA 2600YB / SYB	12	376 (14.8)	725 (28.5)	2800	22 (29.5)
PUMA 3100	12	525 (20.7)	760 (29.9)	2800	22 (29.5)
PUMA 3100L / XL / UL	12	525 (20.7)	760 / 1280 / 2125 / 3125 (29.9 / 50.4 / 83.7 / 123.0)	2800	22 (29.5)
PUMA 3100M / LM / XLM / ULM	12	420 (16.5)	760 / 1280 / 2125 / 3125 (29.9 / 50.4 / 83.7 / 123.0)	2800	22 (29.5)
PUMA 3100Y / LY / XLY / ULY	12	420 (16.5)	760 / 1280 / 2125 / 3125 (29.9 / 50.4 / 83.7 / 123.0)	2800	22 (29.5)

L : Long bed XL : Xtra long bed UL : Ultra long bed M : Milling S : Sub spindle Y : Y-axis milling



PUMA GT2100 / 2600

PUMA GT2100 is a Global Standard Turning Center created with DOOSAN's vast experience and technical prowess to become the world's leading turning center on the market.

Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (Cont./15 min) r/min	Motor Kw (Hp)
PUMA GT2100	8	390 (15.4)	562 (22.1)	4500	18.5 (24.8)
PUMA GT2100M	8	300 (11.8)	513 (20.2)	4500	18.5 (24.8)
PUMA GT2100B / MB	10	390 / 300 (15.4 / 11.8)	550 / 501 (21.7 / 19.7)	3500	18.5 / 15 (24.8 / 20.1)
PUMA GT2600 / L	10	460 (18.1)	658 / 1078 (25.9 / 42.4)	3500	22 (29.5)
PUMA GT2600M / LM	10	410 (16.1)	610 / 1030 (24 / 40.6)	3500	22 (29.5)



PUMA 280 / 300

Combining rigid slant bed construction with advanced technology for superior machining of middle sized workpieces.

Machine	Chuck mm (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor kW (Hp)
PUMA 280	10{12}	420 (16.5)	658 (25.9)	3500	22 (29.5)
PUMA 280L	10{12}	420 (16.5)	1078 (42.4)	3500	22 (29.5)
PUMA 280M	10{12}	410 (16.1)	610 (24.0)	3500	22 (29.5)
PUMA 280LM	10{12}	410 (16.1)	1030 (40.6)	3500	22 (29.5)
PUMA 300C / LC	12	400 (15.8)	630 / 1280 (24.8 / 50.4)	2800	26 (34.9)
PUMA 300MC / LMC	12	355 (14.0)	565 / 1215 (22.2 / 47.8)	2800	22 (29.5)

L : Long bed M : Milling { } : Option



PUMA 400

High performance turning center. Strength on heavy duty cutting originated by rigid structure and powerful spindle & servo drive. Exceptionally PUMA 400XLM provides longer shaft & milling work.

Machine	Chuck mm (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor kW (Hp)
PUMA 400A / LA	12	550 (21.7)	1079 / 2129 (42.5 / 83.8)	3000	22 (29.5)
PUMA 400B / LB	15	550 (21.7)	1043 / 2093 (41.1 / 82.4)	2000	26 (34.9)
PUMA 400C / LC	21	550 (21.7)	1024 / 2074 (40.3 / 81.7)	1500	37 (49.6)
PUMA 400MA / LMA	12	560 (22.1)	1014 / 2064 (39.9 / 81.3)	3000	30 (40.2)
PUMA 400MB / LMB	15	560 (22.1)	978 / 2028 (38.5 / 79.8)	2000	30 (40.2)
PUMA 400MC / LMC	21	560 (22.1)	959 / 2009 (37.8 / 79.1)	1500	37 (49.6)
PUMA 400XL / XLMA	12	550 (21.7)	3150 (124.0)	3000	30 (40.2)
PUMA 400XLB / XLMB	15	550 (21.7)	3114 (122.6)	2000	30 (40.2)
PUMA 400XLC / XLMC	21	550 (21.7)	3095 (121.9)	1500	37 (49.6)

L : Long bed XL : Xtra long bed M : Milling



PUMA 480

PUMA 480 series mainly focus its capacity on heavy duty cutting, wide range of cutting coverage along with rapid positioning and fast bi-directional turret-indexing.

Machine	Chuck mm (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor kW (Hp)
PUMA 480	21	650 (25.6)	992 (39.1)	1500	45 (60.3)
PUMA 480L / LD	21	650 (25.6)	2042 (80.4)	1500 / 1000	45 (60.3)
PUMA 480M	21	650 (25.6)	951 (37.4)	1500	45 (60.3)
PUMA 480LM	21	650 (25.6)	2001 (78.8)	1500	45 (60.3)
PUMA 480XL / XLM	21	650 (25.6)	3065 (120.7)	1500	45 (60.3)
PUMA 480D / XLD	-	650 (25.6)	992 / 3065 (39.1 / 120.7)	1000	45 (60.3)

L : Long bed XL : Xtra long bed M : Milling D : Big bore



PUMA 5100LY

Powerful Turning Center with Y Axis Added

Machine	Chuck mm (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor kW (Hp)
PUMA 5100LYA	15	550 (21.7)	2050 (80.7)	2000	37 (49.6)
PUMA 5100LYB	21	550 (21.7)	2020 (79.5)	1500	45 (60.3)



Turning Center

Large Sized Horizontal Turning Center / Multi-Axis Turning Center
Aluminum Wheel Turn & Wheel Mill / Twin-spindle Turning Center / Gantry Loaders



PUMA 600 / 700 / 800

The largest turning center in their class featuring heavy and interrupted cutting, holding long term accuracy, and maintaining superior finishes.

Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor Kw (Hp)
PUMA 600 / M	18	900 (35.4)	1600 (63.0)	1800	45 (60.3)
PUMA 600L / LM	18	900 (35.4)	3200 (126.0)	1800	45 (60.3)
PUMA 700 / M	24	900 (35.4)	1600 (63.0)	1500	45 (60.3)
PUMA 700L / LM	24	900 (35.4)	3200 (126.0)	1500	45 (60.3)
PUMA 800 / M	32	900 (35.4)	1600 (63.0)	750	45 (60.3)
PUMA 800B*	-	900 (35.4)	1600 (63.0)	750	45 (60.3)
PUMA 800L / LM	32	900 (35.4)	3200 (126.0)	750	45 (60.3)
PUMA 600XL / XLM	18	900 (35.4)	5050 (198.8)	1800	45 (60.3)
PUMA 600LY / XLY	18	750 (29.5)	3250 / 5050 (128.0 / 198.8)	1800	45 (60.3)
PUMA 700XL / XLM	24	900 (35.4)	5050 (198.8)	1500	45 (60.3)
PUMA 700LY / XLY	24	750 (29.5)	3250 / 5050 (128.0 / 198.8)	1500	45 (60.3)
PUMA 800XL / XLM	32	900 (35.4)	5050 (198.8)	750	45 (60.3)
PUMA 800LY / XLY	32	750 (29.5)	3250 / 5050 (128.0 / 198.8)	750	45 (60.3)

L : Long bed XL : Xtra long bed M : Milling Y : Y-axis milling

* Big bore

PUMA TT1500 / 1800 / 2500

PUMA TL2000 / 2500

Simultaneous machining on two faces with twin spindles and turrets.
Virtual realization of Y-axis function will bring you double productivity.



Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length* mm (inch)	Spindle Speed (r/min)	Motor Kw (Hp)
PUMA TT1500S / MS	6	230 (9.1)	120 (4.7)	6000	11 (14.8)
PUMA TT1500SY	6	U / L: 230 (9.1)	120 (4.7)	6000	15+15 (20.1+20.1)
PUMA TT1800S / MS	8	230 (9.1)	230 (9.1)	5000	18.5 (24.8)
PUMA TT1800SY	8	U / L: 230 (9.1)	230 (9.1)	5000	22+22 (29.5+29.5)
PUMA TT2000S / MS	8	U / L: 390 / 300 (15.4 / 11.8)	350 (13.8)	5000	22 (29.5)
PUMA TT2000SY	8	U / L: 390 / 300 (15.4 / 11.8)	350 (13.8)	5000	22+22 (29.5+29.5)
PUMA TT2500S / MS	10	U / L: 390 / 300 (15.4 / 11.8)	350 (13.8)	4000	26 (34.9)
PUMA TT2500SY	10	U / L: 390 / 300 (15.4 / 11.8)	350 (13.8)	3500	26+26 (34.9+34.9)
PUMA TL2000 / L / M / LM	8	U / L: 350 / 240 (13.8 / 9.4)	600 / [1000] (23.6 / 39.4)	5000	22 (29.5)
PUMA TL2500 / L / M / LM	10	U / L: 350 / 240 (13.8 / 9.4)	600 / [1000] (23.6 / [39.4])	3500	26 (34.9)

M : Milling S : Sub spindle Y : Y-axis milling U : on upper turret L : on lower turret

* On each left & right spindle



PUMA AW560 / 660 Horizontal Wheel Turn

AW / VAW series are designed for machining aluminum wheels. Automatic machining of aluminum wheels-from raw material supply to finished wheel.

Machine	Wheel Size (inch)	Swing over bed mm (inch)	Spindle Speed (r/min)	Motor kW (Hp)
PUMA AW560	20	830 (32.7)	2500 { 3000 }	37 (49.6)
PUMA AW660	24	830 (32.7)	2000	37 (49.6)
PUMA AW560-MF	20	830 (32.7)	2500	30 (33.5)

{ } : Option

PUMA VAW700 / 800 Vertical Wheel Turn

Machine	Wheel Size (inch)	Swing over bed mm (inch)	Spindle Speed (r/min)	Motor kW (Hp)
PUMA VAW700*	27	900 (35.4)	2000	55 (73.8)
PUMA VAW800*	28	1140 (44.9)	2000	55 (73.8)

* : Without ACC



PUMA HT230T / H250T / H310T

The twin spindle turning center providing affordable solution.

Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor kW (Hp)
PUMA HT230T	6	230 (9.1)	165 (6.5)	45-4500	11 (14.8)
PUMA H250T	8	250 (9.8)	200 (7.9)	45-4500	11 (14.8)
PUMA H310T	10	400 (15.7)	230 (9.1)	35-3500	18.5 (24.8)
PUMA H310TM	10	400 (15.7)	230 (9.1)	35-3500	18.5 (24.8)

M : Milling



GANTRY LOADER SERIES

PUMA HT230TG / PUMA QL200H / PUMA QL300H

GL series are designed for fully automatic operation, from input of raw material to output of finished parts.

Machine	Recom. Work Dia. mm (inch)	Recom. Turning Length mm (inch)	Max. Work Weight kg (lb)	Std. Loading Time (s)	Jaw Stroke mm (inch)
PUMA HT230TG	140 (5.5)	100 (3.9)	3 (6.6)	7	ø16 (0.6)
PUMA H250TM	255 (10.0)	160 (6.3)	15+15 (33.1+33.1)	16	ø32 (1.3)
PUMA QL200H / HM	160 (6.3)	115 (4.5)	5 (11.0)	10	ø20 (0.8)
PUMA QL300H / HM	250 (9.5)	250 (5.9)	8 (17.6)	13	ø20 (0.8)

{ } : Option

Turning Center

Multi-Tasking Turning Center / Vertical Turning Center /
Inverted Vertical Turning Center / Swiss Type Turning Center



PUMA MX1600 / 2100 / 2600 / 3100 PUMA SMX2600 / 3100

The integration of machining center and turning center gives you unmatched flexibility in wide variety of part configurations. From simple turning and milling, to complex multi-axis simultaneous machining, all operations can be completed in one machine.

Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed Main / Milling (r/min)	Motor Main / Milling kW (Hp)
PUMA MX1600	7	330 (13.0)	900 (35.4)	6000 / 12000	15 / 9 (20.1 / 12.1)
PUMA MX1600S	7	330 (13.0)	900 (35.4)	6000 / 12000	15 / 9 (20.1 / 12.1)
PUMA MX1600T	7	330 (13.0)	900 (35.4)	6000 / 12000	15 / 9 (20.1 / 12.1)
PUMA MX1600ST	7	330 (13.0)	900 (35.4)	6000 / 12000	15 / 9 (20.1 / 12.1)
PUMA MX2100	8	540 (21.3)	1020 (40.2)	5000 / 12000	22 / 18.5 (29.5 / 24.8)
PUMA MX2100S / LS	8	540 (21.3)	1020 / 1520 (40.2 / 59.8)	5000 / 12000	22 / 18.5 (29.5 / 24.8)
PUMA MX2100T / LT	8	540 (21.3)	1020 / 1520 (40.2 / 59.8)	5000 / 12000	22 / 18.5 (29.5 / 24.8)
PUMA MX2100ST / LST	8	540 (21.3)	1020 / 1520 (40.2 / 59.8)	5000 / 12000	22 / 18.5 (29.5 / 24.8)
PUMA MX2600	10	760 (29.9)	1540 (60.6)	4000 / 12000	22 / 18.5 (29.5 / 24.8)
PUMA MX2600S / ST	10	760 (29.9)	1540 (60.6)	4000 / 12000	22 / 18.5 (29.5 / 24.8)
PUMA MX2600T	10	760 (29.9)	1540 (60.6)	4000 / 12000	22 / 18.5 (29.5 / 24.8)
PUMA MX3100	12	760 (29.9)	1540 (60.6)	3000 / 12000	22 / 18.5 (29.5 / 24.8)
PUMA MX3100S	12	760 (29.9)	1540 (60.6)	3000 / 12000	22 / 18.5 (29.5 / 24.8)
PUMA SMX2600	10	660 (26.0)	1520 (59.8)	4000	26 / 22 (34.9 / 29.5)
PUMA SMX2600S	10	660 (26.0)	1520 (59.8)	4000	26 / 23 (34.9 / 30.8)
PUMA SMX3100	12	660 (26.0)	1520 (59.8)	3100	30 / 25 (40.2 / 33.5)
PUMA SMX3100S	12	660 (26.0)	1520 (59.8)	3100	30 / 26 (40.2 / 34.9)

S : Sub spindle T : Turret



PUMA V400 / 550 / 550-2SP

Heavy duty vertical turning center featuring heavily-ribbed and exclusive bed. Easy tooling system provides the fastest chip-to-chip time.

Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor kW (Hp)
PUMA V400	12	496 (19.5)	461 (18.1)	3000	22 (29.5)
PUMA V400M	12	420 (16.5)	400 (15.7)	3000	22 (29.5)
PUMA V400-2SP	12	496 (19.5)	461 (18.1)	3000	22+22 (29.5+29.5)
PUMA V400P	12	496 (19.5)	461 (18.1)	3000 (Spindle)	22 (29.5)
PUMA V550	15	730 (28.7)	750 (29.5)	2000	37 (49.6)
PUMA V550M	15	800 (31.5)	750 (29.5)	2000	37 (49.6)
PUMA V550-2SP	15	730 (28.7)	750 (29.5)	2000	37+37 (49.6+49.6)

M : Milling 2SP : Twin spindle



PUMA VT450 / 750 / 900 / 1100

The PUMA VT series are designed for long term accuracy, heavy duty cutting and to minimize floor space. Its powerful spindle drives, meehanite casting and integral box guide way provide unsurpassed rigidity.

Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor kW (Hp)
PUMA VT450	12	450 (17.7)	450 (17.7)	2500	22 (29.5)
PUMA VT450-2SP	12	450 (17.7)	450 (17.7)	2500	22+22 (29.5+29.5)
PUMA VT450M	12	450 (17.7)	450 (17.7)	2500	22 (29.5)
PUMA VT450M-2SP	12	450 (17.7)	450 (17.7)	2500	22+22 (29.5+29.5)
PUMA VT750	15	750 (29.5)	760 (29.9)	2000	30 (40.2)
PUMA VT750-2SP	15	750 (29.5)	760 (29.9)	2000	30+30 (40.2+40.2)
PUMA VT750M	15	750 (29.5)	760 (29.9)	2000	30 (40.2)
PUMA VT750M-2SP	15	750 (29.5)	760 (29.9)	2000	30+30 (40.2+40.2)
PUMA VT900	24	900 (35.4)	850 (33.5)	1800	45 (60.3)
PUMA VT900-2SP	24	900 (35.4)	850 (33.5)	1800	45 (60.3)
PUMA VT900M	24	900 (35.4)	850 (33.5)	1800	45 (60.3)
PUMA VT900M-2SP	24	900 (35.4)	850 (33.5)	1800	45 (60.3)
PUMA VT1100	32	1100 (43.4)	1000 (39.4)	850	60 (80.5)
PUMA VT1100M	32	1100 (43.4)	1000 (39.4)	850	60 (80.5)

M : Milling 2SP : Twin spindle

PUMA VTS1214 / 1620

Heavy duty and high precision, large vertical turning center with Ram head spindle designed to deliver superior performance.

Machine	Max. Turning Dia. mm (inch)	Max. Turning Height mm (inch)	Table Speed (r/min)	Spindle Motor kW (Hp)
PUMA VTS1214 / 1214M	1350 (53.1)	814 (32.1)	1~630	45/55/60 (60.3/73.8/80.5)
PUMA VTS1620 / 1620M	2000 (78.7)	1556 (61.3)	1~250 [High gear]	45 (60.3)

M : Milling

PUMA ST 16GS / 20GS / 32GS / 20G / 32G

PUMA ST series machines can turn, mill and drill all in one operation.

Machine	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Tool Storage	Main Spindle Motor [Built-in] kW (Hp)	Sub Spindle Motor [Built-in] kW (Hp)
PUMA ST16GS	16 (0.6)	200 (7.9)	24	3.7 (5.0)	1.1 (1.5)
PUMA ST20GS	20 (0.8)	200 (7.9)	24	3.7 (5.0)	2.2 (3.0)
PUMA ST32GS	32 (1.3)	320 (12.6)	24	7.5 (10.1)	3.7 (5.0)
PUMA ST20G	20 (0.8)	205 (8.1)	25	3.7 (5.0)	2.2 (3.0)
PUMA ST32G	32 (1.3)	320 (12.6)	24	7.5 (10.1)	3.7 (5.0)



Machining Center

Tapping Center / High productivity Vertical Machining Center / Heavy Duty Vertical Machining Center / 5-axis Vertical Machining Center / Die & Mold Vertical Machining Center / Multi Purpose Vertical Machining Center



T 4000 / T 4000L / DT 360D

It is a compact, high-speed drill/tap center with heavy duty construction for rigidity and high performance.

Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
T 4000	520 / 400 / 350 (20.5 / 15.7 / 13.8)	650 x 400 (25.6 x 15.7)	12000 { 24000r/min }	21	3.7 / 5.5 (5.0 / 7.4)
T 4000L	700 / 400 / 350 (27.6 / 15.7 / 13.8)	850 x 400 (33.5 x 15.7)	12000 { 24000 }	21	5.5 / 3.7 (7.4 / 5.0)
DT 360D	520 / 360 / 350 (20.5 / 14.2 / 13.8)	2-650 x 375 (2-25.6 x 14.8)	12000 { 15000, 24000r/min }	14	5.5 / 7.5 (7.4 / 10.1)
DT 360D/40	520 / 360 / 350 (20.5 / 14.2 / 13.8)	2-650 x 375 (2-25.6 x 14.8)	12000	14	5.5 / 7.5 (7.4 / 10.1)

{ } : Option

DNM 400a / 400 II / 500 II / 650 II / 650P 750 / 750L / 400HS / 500HS / 650HS / 900P

The global standard in vertical machining center which is designed for increased productivity, high precision and unsurpassed performance.



Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor (cont./15min) kW (Hp)
DNM 400a	635 / 435 / 510 (25.0 / 17.1 / 20.1)	790 x 435 (31.1x17.1)	8000	20	11
DNM 400 II	762 / 435 / 510 (30.0 / 17.1 / 20.1)	920 x 435 (36.2x17.1)	8000 { 12000 }	30 { cam 40 }	15 (20.1)
DNM 500 II	1020 / 540 / 510 (40.2 / 21.3 / 20.1)	1200 x 540 (47.2x21.3)	8000 { 12000 }	30 { cam 40 }	15 (20.1)
DNM 650 II	1270 / 670 / 625 (50.0 / 26.4 / 24.6)	1300 x 670 (51.2x26.4)	8000 { 12000 }	30 { cam 40 }	18.5 (24.8)
DNM 650P	1400 / 670 / 625 (55.1 / 26.4 / 24.6)	1500 x 680 (59.1x26.8)	8000 { 12000 }	30 { 40 }	18.5 (24.8)
DNM 750	1630 / 762 / 650 (64.2 / 30.0 / 25.6)	1630 x 760 (64.2x29.9)	8000	30	18.5 (24.8)
DNM 750L	2160 / 762 / 650 (85.0 / 30.0 / 25.6)	2160 x 760 (85.0x29.9)	8000 { 12000 }	30 { 40 / 60 }	18.5 (24.8)
DNM 400HS	762 / 435 / 510 (30.0 / 17.1 / 20.1)	920 x 435 (36.2x17.1)	15000 { 20000 }	30 { cam 40 }	20 { 18.5 } (26.8 { 24.8 })
DNM 500HS	1020 / 540 / 510 (40.2 / 21.3 / 20.1)	1200 x 540 (47.2x21.3)	15000 { 20000 }	30 { cam 40 }	20 { 18.5 } (26.8 { 24.8 })
DNM 650HS	1270 / 670 / 625 (50.0 / 26.4 / 24.6)	1300 x 670 (51.2x26.4)	15000 { 20000 }	30 { cam 40 }	20 { 18.5 } (26.8 { 24.8 })
DNM 900P	1650 / 900 / 500 (65.0 / 35.4 / 19.7)	1600 x 1000 (63.0x39.4)	12000	30 { 40 }	15 { 20.1 }

{ } : Option



Mynx 5400 / 6500 / 7500

Economical and user-friendly vertical machining center with heavy duty and long term accuracy.

Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
Mynx 5400	1020 / 540 / 530 (40.2 / 21.3 / 20.9)	1200 x 540 (47.2x21.3)	8000 { 12000 }	30 { 40 }	15 (20.1)
Mynx 5400/50	1020 / 540 / 530 (40.2 / 21.3 / 20.9)	1200 x 540 (47.2x21.3)	6000 { 8000 }	24	15 (20.1)
Mynx 6500	1270 / 670 / 625 (50.0 / 26.4 / 24.6)	1400 x 670 (55.1x26.4)	8000 { 12000 }	30 { 40 }	15 (20.1)
Mynx 6500/50	1270 / 670 / 625 (50.0 / 26.4 / 24.6)	1400 x 670 (55.1x26.4)	6000 { 8000 }	24 { 30 }	15 (20.1)
Mynx 7500	1525 / 762 / 625 (60.0 / 30.0 / 24.6)	1600 x 750 (63.0x29.5)	12000	30 { 40 }	15 (20.1)
Mynx 7500/50	1525 / 762 / 625 (60.0 / 30.0 / 24.6)	1600 x 750 (63.0x29.5)	6000 { 8000 }	24 { 40 }	15 (20.1)

{ } : Option



VC 430 / VC 510

Easy-to-operate, compact & highly productive with fast and accuracy.
Unique traveling column design with Rotating dual pallet.

Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
VC 430	560 / 430 / 570 (22.0 / 16.7 / 22.4)	2-715 x 475 (2-28.0 x 18.7)	10000r/min { 12000 }	30 { 40 }	18.5 (24.8)
VC 510	762 / 516 / 570 (30.0 / 20.3 / 22.4)	2-860 x 570 (2-33.9 x 22.4)	10000r/min { 6000, 12000 }	30 { 40 }	18.5 (24.8)

{ } : Option

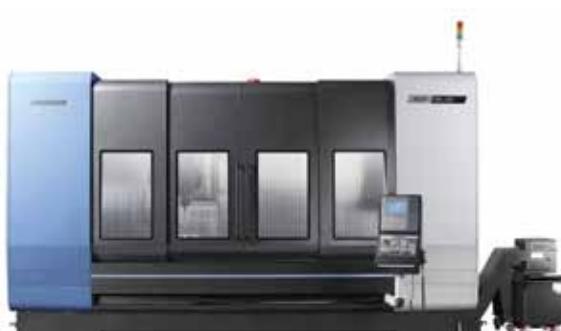


DNM 200/5AX / DNM 350/5AX / VC 630/5AX / FM 200/5AX *linear* / FM 350/5AX *linear*

5-Axis Machining provide high productivity and precision capability with various high speed control functions for not only small machine but large die and mold.

Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
DNM 200/5AX	400 / 435 / 500 (15.7 / 17.1 / 19.7)	Ø200 (Ø7.9)	12000	30 { 40 }	18.5 (24.8)
DNM 350/5AX	400 / 655 / 500 (15.7 / 25.8 / 19.7)	Ø350 (Ø13.8)	12000	30 { 40, 60 }	15 (20.1)
VC 630/5AX	650 / 765 / 520 (25.6 / 30.1 / 20.5)	Ø630 (Ø24.8)	12000 { 20000 }	40	15 (20.1)
FM 200/5AX <i>linear</i>	200 / 340 / 300 (7.9 / 13.4 / 11.8)	Ø200 (Ø7.9)	45000	24	14.2 (19.0)
FM 350/5AX <i>linear</i>	400 / 600 / 350 (15.7 / 23.6 / 13.8)	Ø350 (Ø13.8)	45000	40	8.4 (11.3)

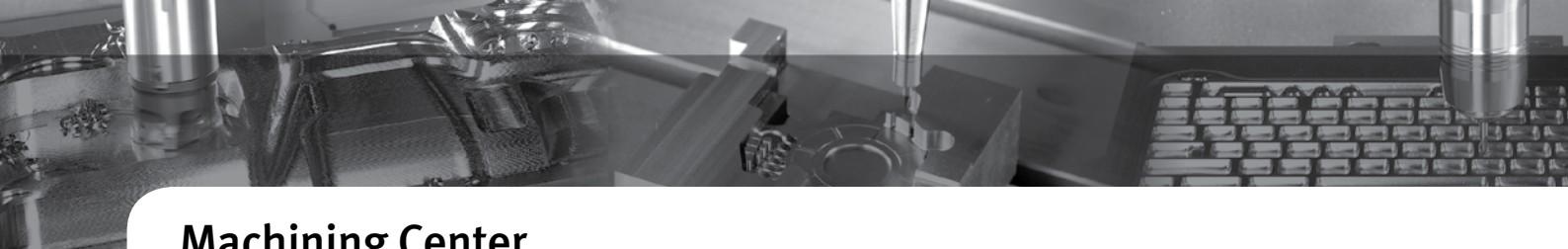
{ } : Option



VCF 850 / VCF 850S / VCF 850L / VCF850LS / VCF 850SR / VCF 850LSR

Multi Purpose Vertical Machining Center

Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
VCF 850 / 850S / 850SR	2000 / 850 / 800 (78.7 / 33.5 / 31.5)	3500 X 800 (137.8 x 31.5)	12000	30	32 / 24 (42.9 / 32.2)
VCF 850L / 850LS / 850LSR	3000 / 850 / 800 (118.1 / 33.5 / 31.5)	3500 X 800 (137.8 x 31.5)	12000	30	32 / 24 (42.9 / 32.2)



Machining Center

Die & Mold Vertical Machining Center / Heavy Duty Horizontal Machining Center



VM 56 / 560 VM 5400 / 6500

VM series are designed for Die & Mold machining. Also VM series support optimal and total solution for die & mold machining industry.

Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
VM 56	1050 / 560 / 560 (41.3 / 22.0 / 22.0)	1600 x 560 (63.0 x 22.0)	6000	30	18.5 (24.8)
VM 560	1050 / 560 / 560 (41.3 / 22.0 / 22.0)	1600 x 560 (63.0 x 22.0)	12000	30	22 (29.5)
VM 5400	1020 / 540 / 530 (40.2 / 21.3 / 20.9)	1200 x 540 (47.2 x 21.3)	12000	30	15.6 (20.9)
VM 6500	1270 / 670 / 625 (50.0 / 26.4 / 24.6)	1400 x 670 (55.1 x 26.4)	12000	30	15.6 (20.9)

{ } : Option



VM 750 / 750L / 84 / 960 / 960L / 1260

VM series are designed for Die & Mold machining. Also VM series support optimal and total solution for die & mold machining industry.

Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
VM 750	1500 / 750 / 800 (59.1 / 29.5 / 31.5)	1600 x 800 (63.0 x 31.5)	6000 { 12000 }	30	18.5 { 30 } (24.8 / 40.2)
VM 750L	1800 / 750 / 800 (70.9 / 29.5 / 31.5)	1900 x 800 (74.8 x 31.5)	6000 { 12000 }	30	18.5 { 30 } (24.8 / 40.2)
VM 84	2000 / 960 / 800 (78.7 / 37.8 / 31.5)	2200 x 810 (86.6 x 31.9)	6000	30	18.5 (24.8)
VM 960	2000 / 960 / 800 (78.7 / 37.8 / 31.5)	2400 x 960 (94.5 x 37.4)	6000 { 12000 }	30 { 30 }	18.5 { 30 } (24.8 / 40.2)
VM 960L	2400 / 960 / 800 (94.5 / 37.8 / 31.5)	2600 x 950 (102.4 x 37.4)	6000 { 12000 }	30 { 30 }	18.5 { 30 } (24.8 / 40.2)
VM 1260	2500 / 1260 / 900 (98.4 / 49.6 / 35.4)	2800 x 1260 (110.2 x 49.6)	6000 { 12000 }	40	22 { 26, 30 } (29.5 / 34.9, 40.2)

{ } : Option



DVM 500 II / 650 II

Developed to provide high precision, high performance and high efficiency for die & mold machining.

Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
DVM 500 II	1020 / 540 / 510 (40.2 / 21.3 / 20.1)	1200 x 540 (47.2 x 21.3)	20000 { 15000 }	30 { 40 }	11 / 22 (14.8 / 29.5)
DVM 650 II	1270 / 670 / 625 (50.0 / 26.4 / 24.6)	1300 x 670 (51.2 x 26.4)	20000 { 15000 }	30 { 40 }	11 / 22 (14.8 / 29.5)

{ } : Option



NX 4500 II / 5500 II / 6500 II

High precision vertical machining center specially developed for die & mold machining ability.

Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
NX 4500 II	600 / 450 / 400 (23.6 / 17.7 / 15.7)	800 x 500 (31.5 x 19.7)	20000 { 30000, 45000 }	24	22 { 10 min } (29.5)
NX 5500 II	900 / 550 / 500 (35.4 / 21.7 / 19.7)	1000 x 550 (39.4 x 21.7)	20000 { 30000, 45000 }	30	22 { 10 min } (29.5)
NX 6500 II	1050 / 650 / 550 (41.3 / 25.6 / 21.7)	1200 x 650 (47.2 x 25.6)	20000 { 30000, 45000 }	30	22 { 10 min } (29.5)

{ } : Option



FM 400 *linear*

High precision and high speed die & mold machining center for small and complex precision parts.

Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
FM 400 Linear	400 / 600 / 350 (15.7 x 23.6 x 13.8)	500 x 600 (19.7 x 23.6)	45000	40	8.4 (11.3)



HM 5000

Heavy duty and large horizontal machining center featuring massive meehanite cast iron bed and 3-speed geared spindle head.

Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
HM 5000	800 / 650 / 650 (31.5 / 25.6 / 25.6)	500 x 500 (19.7 x 19.7)	6000	40 {60/90/120/196}	15 { 18.5 } (20.1 { 24.8 })

{ } : Option

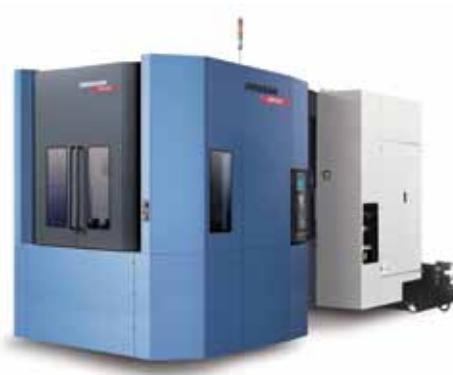


HM 1000 / 1250

The largest horizontal machining center featuring heavy duty and accuracy on an extremely rigid base.

Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
HM 1000	2100/1250/1250 (82.7 / 49.2 / 49.2)	1000 x 1000 (39.4 x 39.4)	6000	60 {90/120}	26 { 37 } (34.9 { 49.6 })
HM 1250	2100/1500/1500 (82.7 / 59.1 / 59.1)	1250 x 1250 (49.2 x 49.2)	6000	60 {90/120}	26 { 37 } (34.9 { 49.6 })

{ } : Option



NHM 5000 / 6300 / 8000

The new generation world-class NHM series of heavy-duty horizontal machining centers.

Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
NHM 5000	800 / 700 / 850 (31.5 / 27.6 / 33.5)	500 x 500 (19.7 x 19.7)	6000	60 {90/120/150}	18.5 { 35.37 } (24.8 { 47.4 })
NHM 6300	1050 / 850 / 1000 (41.3 / 33.5 / 39.4)	630 x 630 (24.8 x 24.8)	6000	60 {90/120/150}	35 { 37 } (46.9 { 49.6 })
NHM 8000	1400/1050/1200 (55.1 / 41.3 / 47.2)	800 x 800 (31.5 x 31.5)	6000	60 {90/120/150}	35 { 37 } (46.9 { 49.6 })

{ } : Option



Machining Center

High Speed Horizontal Machining Center



HC 400 / 500

High performance horizontal machining center featuring easy operation and compact layout. Boast of 8000 r/min spindle speed and 40m/min rapid traverse rate.

Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
HC 400	600 / 560 / 565 (23.6 / 22.0 / 22.2)	400 x 400 (15.7 x 15.7)	8000 { 10000 }	40 { 60 / 120 / 170 }	18.5 { 26 } (24.8 { 34.9 })
HC 500	850 / 700 / 750 (33.5 / 27.6 / 29.5)	500 x 500 (19.7 x 19.7)	8000 { 10000 }	40 { 60 / 120 / 170 }	18.5 { 26 } (24.8 { 34.9 })

{ }: Option



HP 4000 II / 5100 II

The HP series offers high speed & unsurpassed productivity.

Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
HP 4000 II	600 / 560 / 600 (23.6 / 22.0 / 23.6)	400 x 400 (15.7 x 15.7)	14000 { 20000 }	40 { 60 / 120 / 170 / 262 }	18.5 / 22 (24.8 / 29.5)
HP 5100 II	850 / 700 / 750 (33.5 / 27.6 / 29.5)	500 x 500 (19.7 x 19.7)	14000 { 20000 }	40 { 60 / 120 / 170 / 262 }	18.5 / 22 (24.8 / 29.5)

{ }: Option



NHP 5500 / 6300 / 8000

Beautiful integration of all functions by horizontal machining centers with advanced new technology.

Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
NHP 5500	800 / 750 / 850 (31.5 / 29.5 / 33.5)	500 x 500 (19.7 x 19.7)	10000 { 6000 / 15000 }	40 { 60 / 90 / 120 / 150 }	25 / 45 (33.5 / 60.3)
NHP 6300	1050 / 900 / 1000 (41.3 / 35.4 / 39.4)	630 x 630 (24.8 x 24.8)	10000 { 6000 / 15000 }	40 { 60 / 90 / 120 / 150 }	25 / 45 (33.5 / 60.3)
NHP 8000	1400 / 1200 / 1370 (55.1 / 47.2.4 / 53.9)	800 x 800 (31.5 x 31.5)	10000 { 6000 / 15000 }	40 { 60 / 90 / 120 / 150 }	25 / 45 (33.5 / 60.3)

{ }: Option

Machining Center

3 axes Double Column Machining Center /
Five Face Double Column Machining Center



BM 2740 series

BM 2740 is designed for the production of LCD / LED components and parts made from flat Aluminium sheet, such as Aerospace components.

Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
BM 2740	4000 / 2700 / 800 (157.5 / 106.3 / 31.5)	4000 x 2500 (157.5 x 98.4)	10000	40 { 60 }	30 (40.2)
BM 2740M	4000 / 2700 / 800 (157.5 / 106.3 / 31.5)	4000 x 2500 (157.5 x 98.4)	12000	40	30 (40.2)
BM 2740P	4000 / 2700 / 500 (157.5 / 106.3 / 19.7)	4000 x 2500 (157.5 x 98.4)	12000	30 { 40 }	22 (29.5)

{ } : Option



DCM series

DCM series are the concept machining centers for all machining processes, from heavy cutting to high-accuracy finishing for mold & die works and large complex parts.

Machine	X / Y / Z / W Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Effective width between column_mm (inch)	Motor (cont. / 15min) kW (Hp)
DCM 2740F / 2740W	4250 / 3200 / 700 / 1100 (167.3 / 126.0 / 27.6 / 43.3)	2200 x 4100 (86.6 x 161.4)	6000 { 4000, 6000, 10000 }	2700 (106.3)	22 / 18.5 { 26 / 22, 37 / 30 } (29.5 / 24.5 { 34.9 / 29.5, 49.6 / 40.2 })
DCM 2750F / 2750W	5250 / 3200 / 700 / 1100 (206.7 / 126.0 / 27.6 / 43.3)	2200 x 5100 (86.6 x 200.8)	6000 { 4000, 6000, 10000 }	2700 (106.3)	22 / 18.5 { 26 / 22, 37 / 30 } (29.5 / 24.5 { 34.9 / 29.5, 49.6 / 40.2 })
DCM 2760F / 2760W	6250 / 3200 / 700 / 1100 (246.1 / 126.0 / 27.6 / 43.3)	2200 x 6100 (86.6 x 240.2)	6000 { 4000, 6000, 10000 }	2700 (106.3)	22 / 18.5 { 26 / 22, 37 / 30 } (29.5 / 24.5 { 34.9 / 29.5, 49.6 / 40.2 })
DCM 3250F / 3250W	5250 / 3700 / 700 / 1100 (206.7 / 145.7 / 27.6 / 43.3)	2700 x 5100 (106.3 x 200.8)	6000 { 4000, 6000, 10000 }	3200 (126.0)	22 / 18.5 { 26 / 22, 37 / 30 } (29.5 / 24.5 { 34.9 / 29.5, 49.6 / 40.2 })
DCM 3260F / 3260W	6250 / 3700 / 700 / 1100 (246.1 / 145.7 / 27.6 / 43.3)	2700 x 6100 (106.3 x 240.2)	6000 { 4000, 6000, 10000 }	3200 (126.0)	22 / 18.5 { 26 / 22, 37 / 30 } (29.5 / 24.5 { 34.9 / 29.5, 49.6 / 40.2 })
DCM 3280F / 3280W	8250 / 3700 / 700 / 1100 (624.8 / 145.7 / 27.6 / 43.3)	2700 x 8100 (106.3 x 318.9)	6000 { 4000, 6000, 10000 }	3200 (126.0)	22 / 18.5 { 26 / 22, 37 / 30 } (29.5 / 24.5 { 34.9 / 29.5, 49.6 / 40.2 })
DCM 3780F / 3780W	8250 / 4200 / 700 / 1100 (324.8 / 165.4 / 27.6 / 43.3)	3200 x 8100 (126.0 x 318.9)	6000 { 4000, 6000, 10000 }	3700 (145.7)	22 / 18.5 { 26 / 22, 37 / 30 } (29.5 / 24.5 { 34.9 / 29.5, 49.6 / 40.2 })
DCM 37100F / 37100W	10250 / 4200 / 700 / 1100 (403.5 / 165.4 / 27.6 / 43.3)	3200 x 10100 (126.0 x 397.6)	6000 { 4000, 6000, 10000 }	3700 (145.7)	22 / 18.5 { 26 / 22, 37 / 30 } (29.5 / 24.5 { 34.9 / 29.5, 49.6 / 40.2 })

{ } : Option



Machining Center

Duplex Spindle Horizontal Boring Machining Center / Horizontal Boring Mill

DBC 110S / 110 II / 130S / 130 II / 130L II / 130P II / 250 II / 250L II

DBC series harmonizes heavy-duty cutting capability with the perfect balance of power and accuracy.

Machine	X / Y / Z / W Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
DBC 110S	2000 / 1500 / 1200 / 500 (78.7 / 59.1 / 47.2 / 19.7)	1400 x 1600 (55.1 x 63.0)	3000	40{60/90}	26 (34.9)
DBC 110 II	2500 / 2000 / 1500 / 550 (98.4 / 78.7 / 59.1 / 21.7)	1400 x 1800 (55.1 x 70.9)	4000	40{60/90}	26 (34.9)
DBC 130S	2000 / 1500 / 1200 / 600 (78.7 / 59.1 / 47.2 / 23.6)	1400 x 1600 (55.1 x 63.0)	2500	40{60/90}	30 (40.2)
DBC 130 II	3000 / 2000 / 1600 / 700 (128.1 / 78.7 / 63.0 / 27.6)	1600 x 1800 (63.0 x 70.9)	2500	40{60/90}	26 (34.9)
DBC 130L II	4000 / 2500 / 2000 / 700 (157.5 / 98.4 / 78.7 / 27.6)	1600 x 1800 {1800 x 2000, 2000 x 2200} (63.0 x 70.9 {70.9 x 78.7, 78.7 x 86.6})	2500	40{60/90}	26 (34.9)
DBC 130P II	3000 / 2000 / 1600 / 700 (128.1 / 78.7 / 63.0 / 27.6)	1600 x 3000 (63.0 x 118.1)	2500	40{60/90}	26 (34.9)
DBC 250 II	3000 / 2000 / 1600 / 500 (128.1 / 78.7 / 63.0 / 19.7)	1600 x 1800 {1800 x 2000, 2000 x 2200} (63.0 x 70.9 {70.9 x 78.7, 78.7 x 86.6})	6000	40{60/90}	30 (40.2)
DBC 250L II	4000 / 2500 / 2000 / 500 (157.5 / 98.4 / 78.7 / 19.7)	1600 x 1800 {1800 x 2000, 2000 x 2200} (63.0 x 70.9 {70.9 x 78.7, 78.7 x 86.6})	6000	40{60/90}	30 (40.2)

{ } : Option



DBD series

DBD series for large sized work-piece.

Machine	X / Y / Z / W Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage	Motor kW (Hp)
DBD 1270	7000 / 1500 / 1000 / - (275.6 / 59.1 / 39.4 / -)	1250 x 7000 (49.2 x 275.6)	2500	40{60}	26 (34.9)
DBD 1580	7000 / 2000 / 450 / 500 (275.6 / 78.7 / 17.7 / 19.7)	1500 x 8000 (59.1 x 315.0)	2500	40{60}	26 (34.9)

{ } : Option



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Ambel Precision	Kurk Manufacturing	Brembo S.p.A. Divisione	BRAKES India Ltd
Manufacturing Co.	TCN Vehicles Division S.r.l.	Dischi	CRI Pumps Pvt. Ltd
American Sleeve Bearing	TEKNO S.r.l.	Contarini Leopoldo S.r.l.	Cummins India Ltd
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Bimba Manufacturing	Outboard Marine Corp.	O/Cava Meccanica S.p.A.	Rico Auto Industries Ltd
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Chicago Roll	Triad Machine	VIAR Meccanica S.r.l.	
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Colts Manufacturing	TRW		
Combustion Engineering	Twin Disk		
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Cooper Power Tools	United Technologies		
Cushman	US Axle, Inc.		
Dana	Valentek Olivette		
Dana Spicer	Van Corp.		
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Dayton Progress	W.D. Lee & Co.		
Dresser	WABCO Locomotive Products		
E.G. & G.	Watts Industries		
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Emerson Electric	Zurn Industries		
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Federal Signal	GERMANY		
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- The specifications and information above-mentioned may be changed without prior notice.
- For more details, please contact Doosan.

